

## Commonwealth of Massachusetts, Operational Services Division

### Dimensional Lumber and Landscape Timbers (recycled plastic)— Procurement Language

Note: this is a contract excerpt from RFR FAC20.

#### Product-Specific Language

#### 11. PRODUCT SPECIFICATIONS

##### CATEGORY II: DIMENSIONAL LUMBER AND LANDSCAPE TIMBERS

##### B1. Mandatory Specifications – All-Plastic Dimensional Lumber

2. All Bidders **must** offer lumber which contains UV inhibitors and be consistent in color through the entire profile.
3. All lumber **must** contain a minimum of 90% post-consumer plastic material.
4. Lumber in this category **must** be free of fiberglass or any other non-plastic material.
5. Plastic may be derived from a single resin or from co-mingled plastic materials.
6. All plastic lumber **must** be guaranteed against undue warping, sagging, cracking, splitting, rotting, and insect infestation for a minimum of twenty (20) years.

##### B2. Mandatory Specifications – Composite Dimensional Lumber

2. All Bidders **must** offer lumber which contains UV inhibitors and be consistent in color through the entire profile.
3. All lumber **must** contain a minimum of 100% total recovered materials, at least 25% of which must be post-consumer plastic. Lumber in this category may contain fiberglass, wood, or other non-plastic material designed to provide structural strength; however, such material must be recycled and must comprise no more than 50% of the total product.
4. All plastic lumber **must** be guaranteed against undue warping, sagging, cracking, splitting, rotting, and insect infestation for a minimum of ten (10) years.

##### B3. Mandatory Specifications – Landscape Timbers

2. All timbers **must** contain a minimum of 100% total recovered materials, at least 50% of which must be recycled plastic. Timbers may contain fiberglass, wood, or other non-plastic material designed to provide structural strength; however, such material must be from recycled material and cannot comprise more than 50% of the total product.
3. All plastic lumber **must** be guaranteed against undue warping, sagging, cracking, splitting, rotting, and insect infestation for a minimum of ten (10) years.

## **Other Applicable EPP Language**

### **1. PURPOSE OF PROCUREMENT**

The purpose of this procurement is to establish a statewide contract for eight categories of recycled plastic products, including recycled plastic lumber, recycled recreational and site amenity products, recycled traffic control products, and other recycled plastic products. In some cases recycled rubber products will also be accepted. This contract will be an approved list of contractors who meet the minimum mandatory requirements outlined in this RFR. The Commonwealth is particularly interested in focusing on recycled plastic products for the purpose of stimulating and strengthening markets for plastic materials collected in recycling programs and encouraging new areas of economic development.

### **7. DEFINITIONS**

**“post-consumer content,”** as used in this RFR, means materials in a recycled product which are derived from businesses or consumers after having served their intended uses, and which have been separated or diverted from solid waste for the purpose of collection, recycling, and disposition.

**“post-industrial materials”** refers to materials generated by manufacturers or product converters, such as trimmings, overruns, and obsolete products, that are incorporated back into the manufacturing process of the same or a different product.

**“recyclability”** is the ability of a product or material to be recovered from or otherwise diverted from the solid waste stream for the purpose of recycling.

**“virgin products”** are those made with 100% new/raw materials and contain no recycled content.

**“recovered materials”** are those materials recovered from either industrial or consumer waste streams, including post-industrial, pre-consumer, and post-consumer content.

### **9. GENERAL CONTRACT SPECIFICATIONS**

All Contractors in each category **must** agree to:

- Provide products which meet all specified minimum recycled content requirements; recycled content shall be based on the dry weight of the raw materials, exclusive of any additives such as adhesives, binders, coloring agents, or UV inhibitors.

It is **desirable** that:

- Bidders offer recycling options to collect damaged or out-of-date products and recycle them into new product
- Bidders offer decals, plaques, plates, or other types of products which can be affixed to or imprinted on products sold by the Bidder which identifies products as containing recycled plastic and other relevant information.
- Bidders describe on a separate sheet any environmental efforts being undertaken other than those directly associated with this Contract.